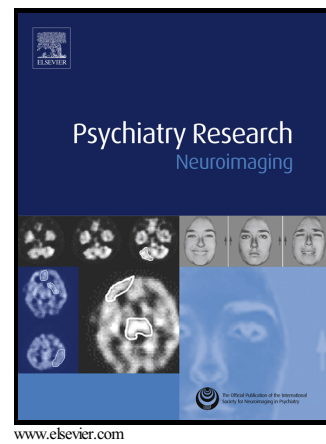


Author's Accepted Manuscript

Neural correlates of anxiety sensitivity in panic disorder: A functional magnetic resonance imaging study

Sara Poletti, Daniele Radaelli, Michele Cucchi, Liana Ricci, Benedetta Vai, Enrico Smeraldi, Francesco Benedetti



PII: S0925-4927(15)30002-0
DOI: <http://dx.doi.org/10.1016/j.psychresns.2015.05.013>
Reference: PSYN10374

To appear in: *Psychiatry Research: Neuroimaging*

Received date: 9 April 2014
Revised date: 1 September 2014
Accepted date: 22 May 2015

Cite this article as: Sara Poletti, Daniele Radaelli, Michele Cucchi, Liana Ricci, Benedetta Vai, Enrico Smeraldi and Francesco Benedetti, Neural correlates of anxiety sensitivity in panic disorder: A functional magnetic resonance imaging study, *Psychiatry Research: Neuroimaging*, <http://dx.doi.org/10.1016/j.psychresns.2015.05.013>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting galley proof before it is published in its final citable form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Neural correlates of anxiety sensitivity in panic disorder: A functional magnetic resonance imaging study

Sara Poletti^{a,b,*}, Daniele Radaelli^{a,b}, Michele Cucchi^a, Liana Ricci^a, Benedetta Vai^{a,b}, Enrico Smeraldi^{a,b}, Francesco Benedetti^{a,b}.

^aDepartment of Clinical Neurosciences, Scientific Institute and University Vita-Salute San Raffaele, Milan, Italy

^bC.E.R.M.A.C. (Centro di Eccellenza Risonanza Magnetica ad Alto Campo), University Vita-Salute San Raffaele, Milan, Italy

*Corresponding author: Department of Clinical Neurosciences, Istituto Scientifico Ospedale San Raffaele San Raffaele Turro, Via Stamira d'Ancona 20, Milano, Italy. Tel.: +39/02/26433156; Fax: +39/02/26433265

E-mail poletti.sara@hsr.it

Abstract

Panic disorder has been associated with dysfunctional neuropsychological dimensions, including anxiety sensitivity. Brain-imaging studies of the neural correlates of emotional processing have identified a network of structures that constitute the neural circuitry for emotions. The anterior cingulate cortex (ACC), medial prefrontal cortex (mPFC) and insula, which are part of this network, are also involved in the processing of threat-related stimuli. The aim of the study was to investigate if neural activity in response to emotional stimuli in the cortico-limbic network is associated to anxiety sensitivity in panic disorder. In a sample of 18 outpatients with panic

Download English Version:

<https://daneshyari.com/en/article/10305353>

Download Persian Version:

<https://daneshyari.com/article/10305353>

[Daneshyari.com](https://daneshyari.com)